

# Exhibit S

## 15/500,928 | APA-CN-879177-02-US-NAT: ADAPTIVE COMMUNICATION RESOURCE ALLOCATION IN A WIRELESS NETWORK

[PUBLIC VIEW](#)

Application #	Confirmation #	Attorney Docket #	Patent #	Filing or 371 (c) date	Status
15/500,928	4629	APA-CN-879177-02-US-NAT	<a href="#">10,368,361</a>	01/31/2017	Patented Case 07/10/2019

## Application Data

Documents &amp; Transactions

Continuity

Patent Term Adjustment

Foreign priority

Fee payment history

Address &amp; Attorney/Agent Information

Supplemental Content

## Assignments

Display References

## 5 Assignments found

## Assignment 1

Reel/frame	Date recorded	Pages
<a href="#">041359/0412</a>	02/23/2017	7
<b>Conveyance</b>		
ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).		
Assignors	Execution date	Correspondent
<a href="#">HUANG, ANPENG</a>	07/24/2014	R. BURNS ISRAELSEN MASCHOFF BRENNAN 1389 CENTER DR. SUITE 300 PARK CITY, UT 84098

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## Assignment 2

Reel/frame	Date recorded	Pages
<a href="#">041359/0450</a>	02/23/2017	6
<b>Conveyance</b>		
ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).		
Assignors	Execution date	Correspondent
<a href="#">BEIJING JINDIANCHUANGQI TECHNOLOGY DEVELOPMENT CO., LTD</a>	09/04/2014	R. BURNS ISRAELSEN MASCHOFF BRENNAN 1389 CENTER DR. SUITE 300 PARK CITY, UT 84098

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## Assignment 3

Reel/frame	Date recorded	Pages
<a href="#">048373/0217</a>	01/29/2019	-47
<b>Conveyance</b>		
SECURITY INTEREST (SEE DOCUMENT FOR DETAILS).		
Assignors	Execution date	Correspondent
<a href="#">EMPIRE TECHNOLOGY DEVELOPMENT LLC</a>	12/28/2018	MICHELE GLESSNER ALSTON & BIRD LLP 101 SOUTH TRYON STREET, SUITE 4000 CHARLOTTE, NC 28280-4000
<b>Assignee</b>		
<a href="#">CRESTLINE DIRECT FINANCE, L.P.</a>		
201 MAIN STREET, SUITE 1900 FORT WORTH, TEXAS 76102		

Assignment 4

Reel/frame	Date recorded	Pages
<a href="#">061265/0146</a>	09/30/2022	4
<b>Conveyance</b>		
RELEASE BY SECURED PARTY (SEE DOCUMENT FOR DETAILS). <a href="#">[link]</a>		
Assignors	Execution date	Correspondent
<a href="#">CRESTLINE DIRECT FINANCE, L.P.</a>	09/28/2022	TAMARA TUCKER ALSTON & BIRD LLP 101 SOUTH TRYON STREET, SUITE 4000 CHARLOTTE, NC 28280-4000

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**Assignment 5**

Reel/frame	Date recorded	Pages
<a href="#">062102/0649</a>	12/15/2022	5
<b>Conveyance</b>		
ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS). <a href="#">[link]</a>		
Assignors	Execution date	Correspondent
<a href="#">EMPIRE TECHNOLOGY DEVELOPMENT, LLC</a>	10/14/2022	JOHN TUTUNJIAN 401 BROADHOLLOW ROAD SUITE 402 MELVILLE, NY 11747

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[10 per page](#) [Page 1 of 1](#)

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